10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Caspase-9, human recombinant protein

Caspase-9
Catalog # PBV10018r

Specification

Caspase-9, human recombinant protein - Product info

Primary Accession	P55211

Caspase-9, human recombinant protein - Additional Info

Gene ID	**842**
Gene Symbol	**CASP9**

Other Names
Caspase-9, CASP-9, Apoptotic protease Mch-6, Apoptotic protease-activating factor 3, APAF-3, ICE-like apoptotic protease 6, ICE-LAP6, LEHDase

Gene Source	**Human**
Source	**E.coli**
Assay&Purity	**SDS-PAGE; ≥90%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**

Target/Specificity
Caspase-9

Application Notes
Reconstitute to 1 unit per µl in PBS containing 15% glycerol.

Format
Lyophilized powder

Storage
-70°C; Semi Dry powder

Caspase-9, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Caspase-9, human recombinant protein - Images

Caspase-9, human recombinant protein - Background

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Caspase-9 is a member of the caspase-family of cysteine proteases. Similar to other caspases, caspase-9 also exists in cells as an inactive proenzyme. During the initiation of apoptosis procaspase-9 is processed at aspartate residues to form active caspase-9. As one of the initiator caspases, active caspase-9 functions to trigger activation of downstream effector caspases, leading to disassembly of cell structures. The recombinant active human caspase-9 was expressed in E. coli. The active caspase-9 is routinely tested at BioVision for its ability to enzymatically cleave these two substrates Ac-LEHD-pNA or Ac-LEHD-AFC

Caspase-9, human recombinant protein - References

Duan H.,et al.J. Biol. Chem. 271:16720-16724(1996).
Srinivasula S.M.,et al.J. Biol. Chem. 271:27099-27106(1996).
Hadano S.,et al.Mamm. Genome 10:757-760(1999).
Srinivasula S.M.,et al.Cancer Res. 59:999-1002(1999).
Izawa M.,et al.Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.